

1 **WHAT IS CLAIMED IS:**

2 1. An optical fiber connector comprising:

3 a first elongated portion with a first conical head formed on a first distal end of
4 the first elongated portion and a first through hole;

5 a second elongated portion having a first distal end securely received in the first
6 elongated portion, a second through hole defined to correspond to and communicate
7 with the first through hole of the first elongated portion after the first distal end of the
8 second elongated portion is received in the first elongated portion and a second conical
9 head formed at a second distal end of the second elongated portion;

10 two retaining elements each being hollow to receive therein the first conical
11 head and the second conical head and having a tapered through hole to respectively
12 correspond to the first conical head and the second conical head so that after the first
13 conical head and the second conical head are respectively in a corresponding one of the
14 two retaining elements, a diameter of the first through hole and a diameter of the second
15 through hole are reduced so that a filament of an optical fiber is able to be securely
16 retained inside the first and second through holes.

17 2. The optical fiber connector as claimed in claim 1, wherein the first elongated
18 portion has a receiving space defined at a second distal end of the first elongated portion
19 to receive therein the first distal end of the second elongated portion.

20 3. The optical fiber connector as claimed in claim 1, wherein a first outer
21 threading is formed on an outer periphery of the first distal end of the first elongated
22 portion, a second outer threading is formed on an outer periphery of the second distal
23 end of the second elongated portion and each retaining element is provided with an inner
24 threading corresponding to the first and second outer threading of the first and second
25 elongated portions such that the retaining elements are able to be securely connected to

1 the first elongated portion and the second elongated portion.

2 4. The optical fiber connector as claimed in claim 2, wherein a first outer

3 threading is formed on an outer periphery of the first distal end of the first elongated

4 portion, a second outer threading is formed on an outer periphery of the second distal

5 end of the second elongated portion and each retaining element is provided with an inner

6 threading corresponding to the first and second outer threading of the first and second

7 elongated portions such that the retaining elements are able to be securely connected to

8 the first elongated portion and the second elongated portion.

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